

1205.

In response to the Office Action dated August 16, 2000 (Paper No. 16), please amend the application as follows:

IN THE CLAIMS:

Please cancel Claims 22 and 29.

Please amend claims 2, 7-11, 23-25 and 27 as follows:

C¹ SUB 017 2. (Twice Amended) A DNA encoding [the] a protein comprising the amino acid sequence represented by SEQ ID NO:

2.

C² 7. (Twice Amended) A process for producing a protein comprising [an] the amino acid sequence [represented by] of SEQ ID NO: 2, comprising:

selecting the transformant according to claim 6;

culturing the transformant in a medium to produce and accumulate the protein comprising the amino acid sequence of SEQ ID NO: 2 in culture; and

recovering said protein from the culture.

8. (Twice Amended) A[n] composition comprising an oligonucleotide comprising a 15 mer portion of the nucleotide sequence of the DNA according to any one of claims 2 to 4 and a diagnostically or pharmacologically acceptable carrier.

C2
9. (Twice Amended) A[n] composition comprising an oligonucleotide comprising a 15 mer portion of a nucleotide sequence complementary to the DNA according to any one of claims 2 to 4 and a diagnostically or pharmacologically acceptable carrier.

SUB D2
10. (Twice Amended) A diagnostic method for detecting [mRNA corresponding to a nucleotide sequence represented by SEQ ID NO: 1] an IgA nephropathy, comprising: selecting [the] an oligonucleotide [according to claim 8] comprising 15 mer portion of the nucleotide sequence of DNA selected from the group consisting of DNA encoding a protein comprising the amino acid sequence represented by SEQ ID NO: 2, DNA comprising the nucleotide sequence represented by SEQ ID NO: 1, and DNA which hybridizes with the nucleotide sequence represented by SEQ ID

NO: 1 under stringent conditions;

selecting an oligonucleotide comprising a 15 mer
portion of a nucleotide sequence complementary to DNA
selected from the group consisting of DNA encoding a protein
comprising the amino acid sequence represented by SEQ ID NO:
2, DNA comprising the nucleotide sequence represented by SEQ
ID NO: 1, and DNA which hybridizes with the nucleotide
sequence represented by SEQ ID NO: 1 under stringent
conditions; and

using said oligonucleotides in a [Northern
blot] reverse-transcription-polymerase chain reaction to
detect mRNA corresponding to the nucleotide sequence
represented by SEQ ID NO:1.

11. (Twice Amended) A diagnostic method for
detecting [mRNA corresponding to a nucleotide sequence
represented by SEQ ID NO: 1] an IgA nephropathy, comprising
selecting [the] an oligonucleotide [according
to claim 9] comprising a 15 mer portion of a nucleotide
sequence complementary to DNA selected from the group
consisting of DNA encoding a protein comprising the amino
acid sequence represented by SEQ ID NO: 2, DNA comprising the
nucleotide sequence represented by SEQ ID NO: 1, and DNA

C2
SUB D27

which hybridizes with the nucleotide sequence represented by
SEQ ID NO: 1 under stringent conditions; and

using said oligonucleotide in a Northern blot
to detect mRNA corresponding to the nucleotide sequence
represented by SEQ ID NO: 1.

23. (Amended) [The] An oligonucleotide [according
to claim 8 which] compris[es]ing a 40 mer portion of the
nucleotide sequence of the DNA according to any one of claims
2 to 4.

C3

24. (Amended) [The] An oligonucleotide [according
to claim 9 which] compris[es]ing a 40 mer portion of [the] a
nucleotide sequence complementary to the DNA according to any
one of claims 2 to 4.

25. (Amended) [The] A composition comprising an
oligonucleotide [according to claim 8] comprising a
nucleotide sequence which corresponds to a 5'-end side
nucleotide sequence of the DNA according to any one of claims
2 to 4 and a diagnostically or pharmacologically acceptable
carrier.